

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000372**Date Inspected:** 21-Aug-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	MTR's				

Summary of Items Observed:

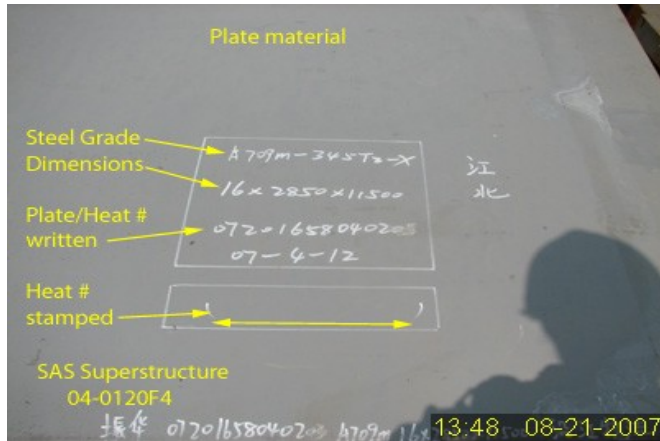
Caltrans Quality Assurance (QA) Inspector Sherri Brannon arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to periodically monitor welding and Quality Control (QC) functions. While on site the QA Inspector observed and/or discovered the following.

Quality Assurance (QA) Inspector Brannon observed material received in the ZPMC yard. There were a total of 65 out of 105 plates received with plate thicknesses ranging from 8mm to 20mm. The plates were all ASTM A709M-345T2-X and ASTM A709M-345T2-X-S plate material and were accompanied with material test reports (MTR). The MTRs could not be reviewed on the day the plates were observed for their general condition and markings but will be reviewed at the earliest opportunity. QA Inspector Brannon assigned lot number B22-023-07 to this lot of plate. QA Inspector Mr. Zhang Tiadi with ZPMC informed QA Inspector Brannon that receiving of plate material will not be completed today and will resume tomorrow.

The following digital photograph illustrates the steel grade, dimensions of the plate and plate/heat number of the 16mm (Thickness) x 2850mm (Length) x 1150mm (width) plate.

WELDING INSPECTION REPORT

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Summary of Conversations:

As stated within the report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Brannon, Sherri

Quality Assurance Inspector

Reviewed By: Cuellar, Robert

QA Reviewer